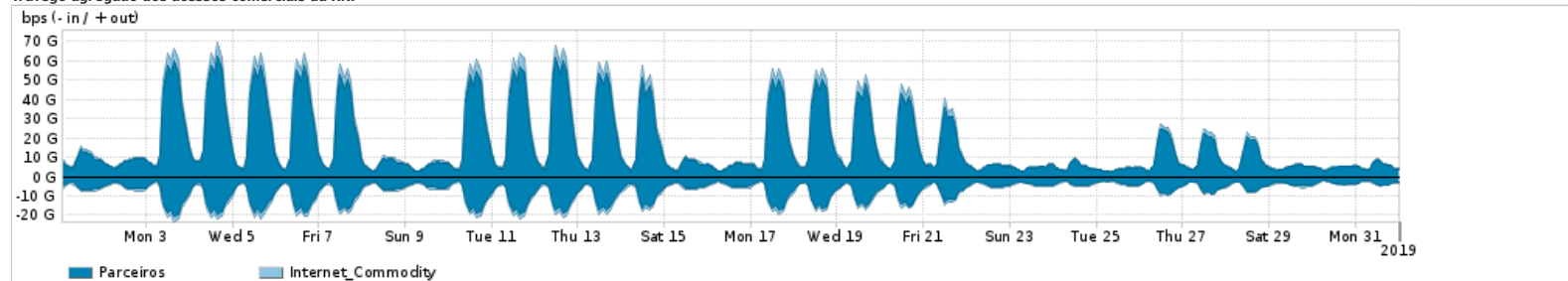


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).
 A primeira coluna da tabela define o ponto de referência para entendimento dos valores de In e Out.
 A contabilização do tráfego é sob o ponto de vista do AS da RNP, AS1916.

Legenda:

- PoP - Ponto de presença da RNP
- Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
- Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
- Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos seus clientes
- ASN - Número do sistema autônomo
- Profile - Objeto gerenciável definido arbitrariamente no Peakflow através de diversos parâmetros (ex: bloco cidr, peer-as, as-path, bgp community, interface, etc)

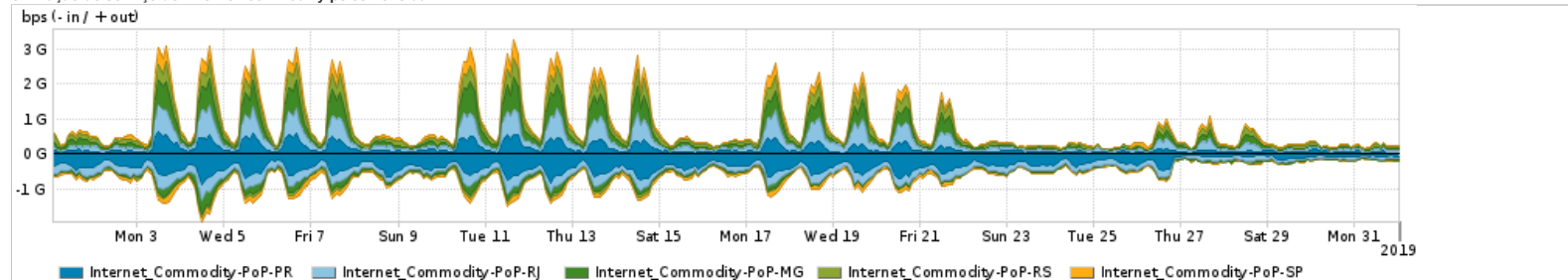
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	7.22 Gbps	16.14 Gbps	23.36 Gbps
<input checked="" type="checkbox"/> Internet_Commodity	1.10 Gbps	1.88 Gbps	2.97 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

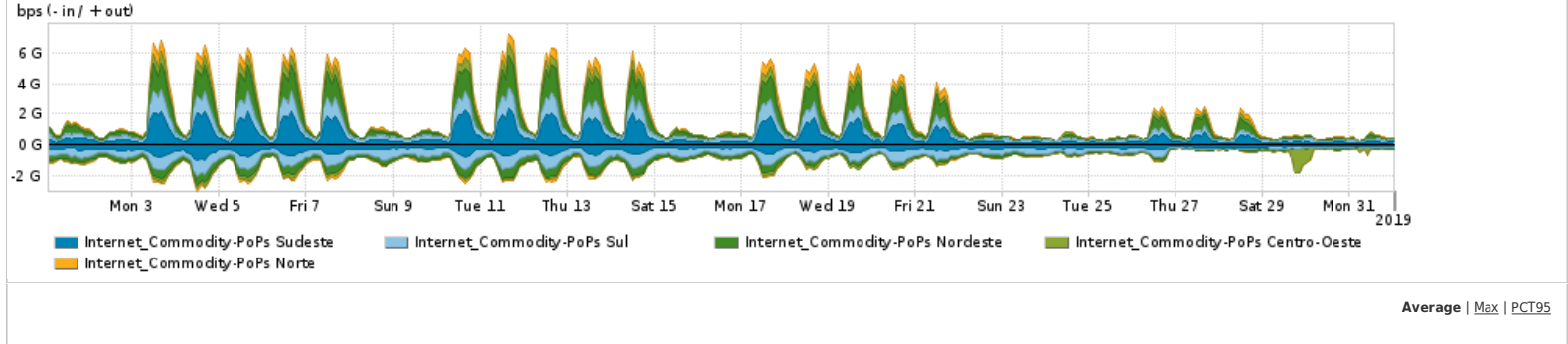


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Commodity	PoP-PR	334.46 Mbps	139.26 Mbps	473.72 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RJ	170.84 Mbps	207.57 Mbps	378.41 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-MG	62.10 Mbps	196.43 Mbps	258.54 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RS	30.37 Mbps	155.42 Mbps	185.79 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-SP	63.78 Mbps	114.28 Mbps	178.06 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PE	82.39 Mbps	88.29 Mbps	170.68 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-DF	70.82 Mbps	86.45 Mbps	157.26 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-SC	42.25 Mbps	84.30 Mbps	126.55 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-BA	27.87 Mbps	76.88 Mbps	104.75 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PB	30.57 Mbps	72.34 Mbps	102.91 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PA	21.81 Mbps	80.86 Mbps	102.66 Mbps

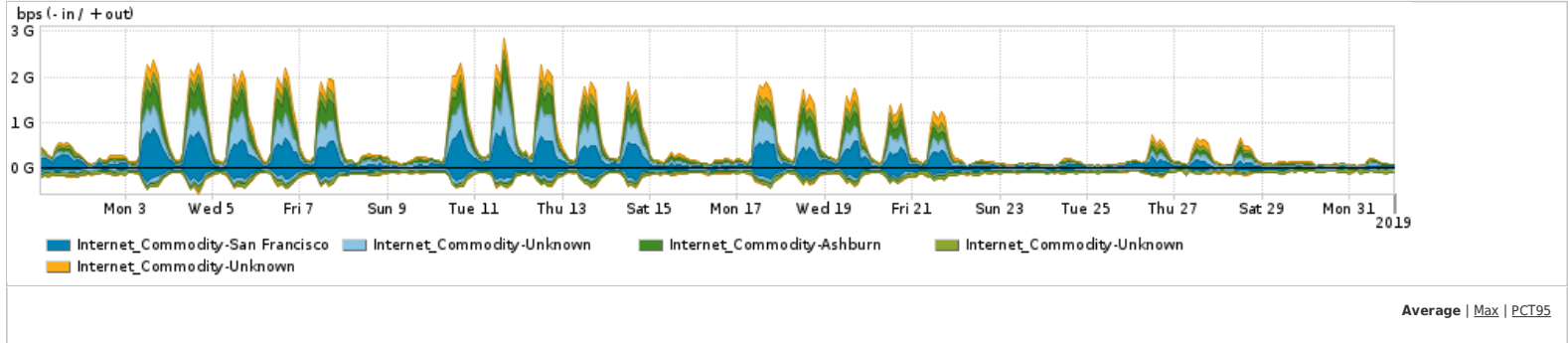
	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Commodity	PoP-CE	20.09 Mbps	76.94 Mbps	97.03 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-RN	23.75 Mbps	68.36 Mbps	92.11 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-GO	14.35 Mbps	48.44 Mbps	62.79 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-MA	11.32 Mbps	45.03 Mbps	56.35 Mbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sudeste	313.09 Mbps	553.17 Mbps	866.26 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sul	407.08 Mbps	378.98 Mbps	786.06 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Nordeste	211.76 Mbps	503.08 Mbps	714.84 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Centro-Oeste	107.54 Mbps	176.39 Mbps	283.93 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Norte	43.82 Mbps	179.82 Mbps	223.64 Mbps

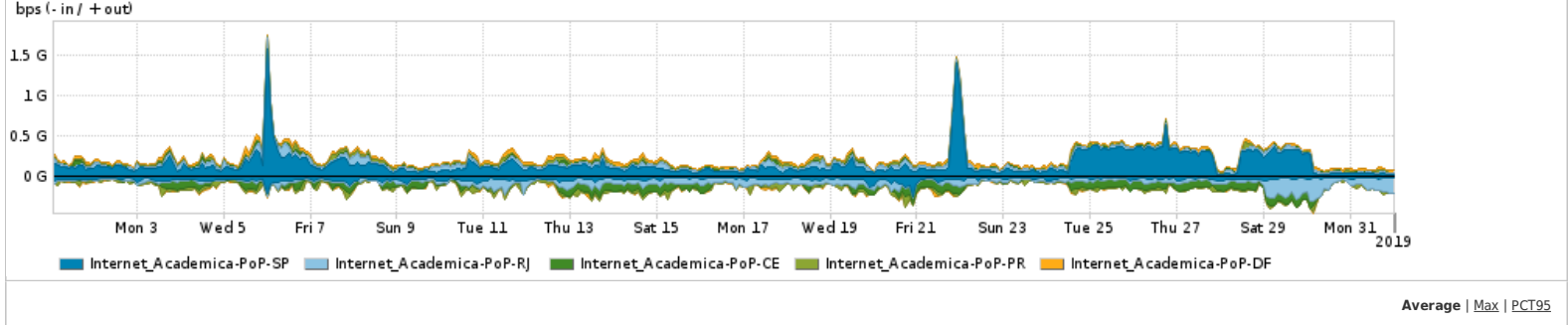
Interesse de tráfego do serviço de Internet Commodity por cidade



	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Commodity	San Francisco	60.17 Mbps	165.08 Mbps	225.25 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Unknown	27.93 Mbps	139.06 Mbps	166.99 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Ashburn	27.48 Mbps	102.58 Mbps	130.06 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Unknown	56.20 Mbps	73.09 Mbps	129.29 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Unknown	11.76 Mbps	79.45 Mbps	91.21 Mbps
<input type="checkbox"/>	Internet_Commodity	Unknown	13.28 Mbps	75.96 Mbps	89.24 Mbps
<input type="checkbox"/>	Internet_Commodity	Cambridge	8.67 Mbps	80.01 Mbps	88.69 Mbps
<input type="checkbox"/>	Internet_Commodity	Unknown	8.23 Mbps	79.05 Mbps	87.27 Mbps
<input type="checkbox"/>	Internet_Commodity	Seattle	6.18 Mbps	80.85 Mbps	87.03 Mbps

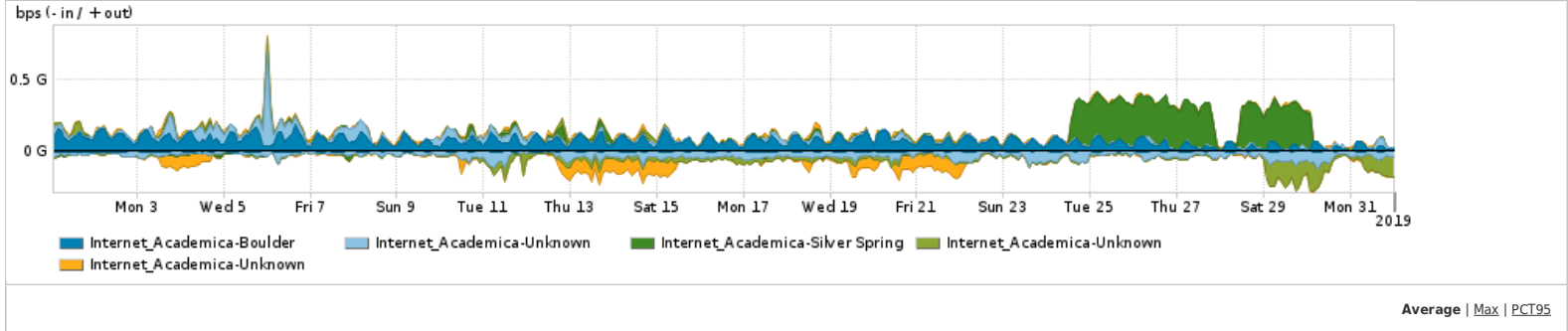
	PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Commodity	Boardman	57.69 Mbps	18.33 Mbps	76.02 Mbps

Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Academica	PoP-SP	40.23 Mbps	152.60 Mbps	192.83 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-RJ	53.64 Mbps	32.20 Mbps	85.84 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-CE	41.27 Mbps	6.55 Mbps	47.82 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-PR	22.09 Mbps	15.95 Mbps	38.04 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-DF	3.28 Mbps	28.10 Mbps	31.38 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-RS	2.23 Mbps	22.44 Mbps	24.66 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-MG	4.15 Mbps	16.53 Mbps	20.69 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-SC	2.82 Mbps	12.97 Mbps	15.79 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-PE	1.11 Mbps	7.23 Mbps	8.34 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-PA	489.57 Kbps	5.97 Mbps	6.46 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-RN	463.18 Kbps	5.30 Mbps	5.77 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-ES	694.92 Kbps	3.97 Mbps	4.66 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-BA	775.67 Kbps	3.09 Mbps	3.87 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-GO	307.63 Kbps	1.77 Mbps	2.08 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-AL	54.91 Kbps	1.96 Mbps	2.01 Mbps

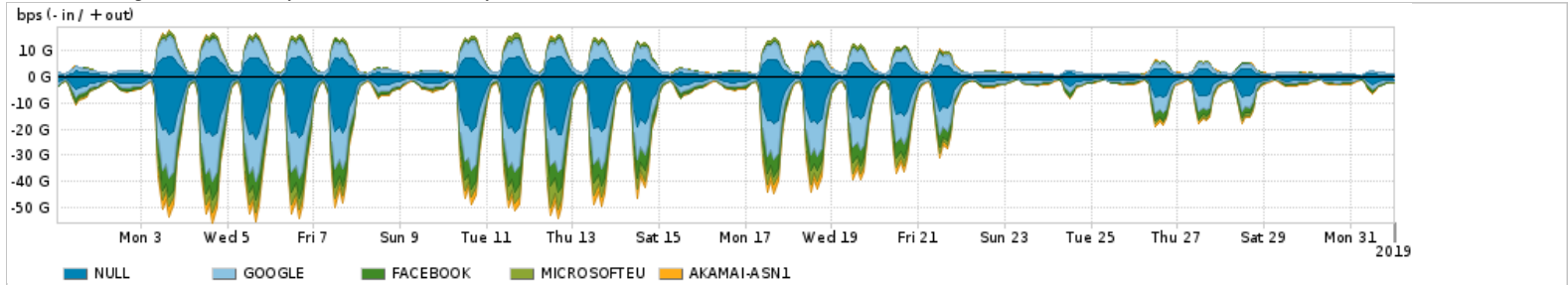
Interesse de trafego do serviço de Internet acadêmica internacional por cidades



	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Academica	Boulder	1.41 Mbps	70.55 Mbps	71.96 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	Unknown	35.22 Mbps	21.90 Mbps	57.12 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Academica	Silver Spring	914.77 Kbps	48.10 Mbps	49.01 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	Unknown	21.38 Mbps	5.75 Mbps	27.13 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	Unknown	19.27 Mbps	6.97 Mbps	26.23 Mbps
<input type="checkbox"/>	Internet_Academica	Beijing	24.20 Mbps	158.69 Kbps	24.35 Mbps
<input type="checkbox"/>	Internet_Academica	Potomac	535.87 Kbps	22.74 Mbps	23.28 Mbps
<input type="checkbox"/>	Internet_Academica	Unknown	269.87 Kbps	20.64 Mbps	20.91 Mbps
<input type="checkbox"/>	Internet_Academica	Huntsville	298.92 Kbps	15.67 Mbps	15.97 Mbps
<input type="checkbox"/>	Internet_Academica	Santiago	9.79 Mbps	1.02 Mbps	10.81 Mbps

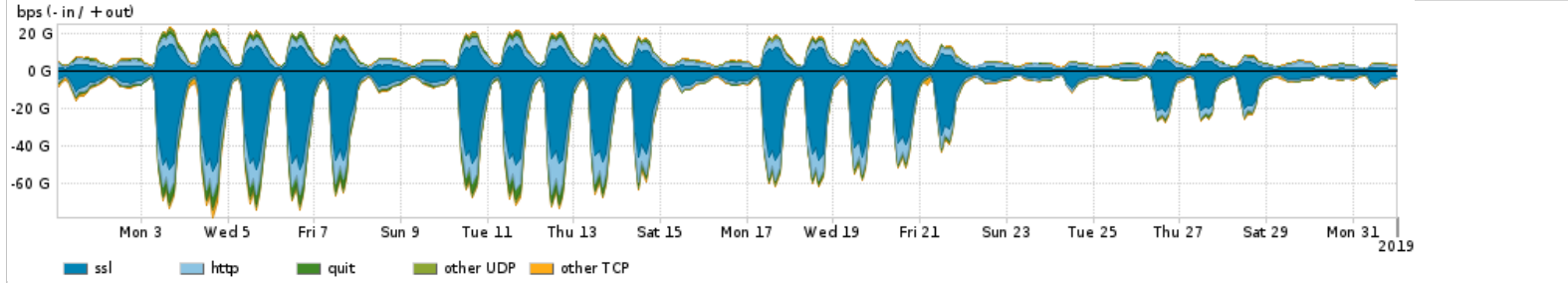
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	5.63 Gbps	2.19 Gbps	7.82 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	3.90 Gbps	2.19 Gbps	6.09 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	1.97 Gbps	191.19 Mbps	2.16 Gbps
<input checked="" type="checkbox"/>	MICROSOFTEU	8068	1.15 Gbps	289.54 Mbps	1.44 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	908.73 Mbps	69.41 Mbps	978.14 Mbps
<input type="checkbox"/>	CLARO	28573	146.76 Mbps	681.88 Mbps	828.64 Mbps
<input type="checkbox"/>	AMAZON-02	16509	532.24 Mbps	186.55 Mbps	718.79 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	213.16 Mbps	276.21 Mbps	489.37 Mbps
<input type="checkbox"/>	EDGECAST	15133	462.85 Mbps	13.51 Mbps	476.35 Mbps
<input type="checkbox"/>	TELEFONICA-BRASIL-SA-BR	18881	66.35 Mbps	354.13 Mbps	420.49 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	340.16 Mbps	10.83 Mbps	351.00 Mbps
<input type="checkbox"/>	NETFLIX	2906	340.39 Mbps	8.17 Mbps	348.56 Mbps
<input type="checkbox"/>	CLOUDFLARENET	13335	239.54 Mbps	42.24 Mbps	281.78 Mbps
<input type="checkbox"/>	APPLE	714	117.52 Mbps	163.74 Mbps	281.26 Mbps
<input type="checkbox"/>	MV	266269	273.93 Mbps	5.68 Mbps	279.60 Mbps

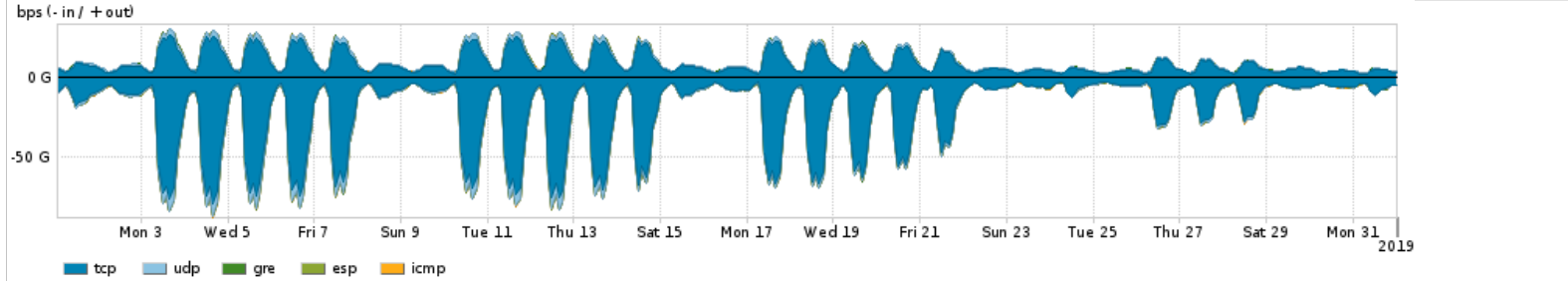
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	ssl	13.53 Gbps	4.41 Gbps	17.93 Gbps
<input checked="" type="checkbox"/>	http	3.57 Gbps	2.31 Gbps	5.87 Gbps
<input checked="" type="checkbox"/>	quit	952.94 Mbps	309.30 Mbps	1.26 Gbps
<input checked="" type="checkbox"/>	other UDP	486.21 Mbps	613.02 Mbps	1.10 Gbps
<input checked="" type="checkbox"/>	other TCP	663.08 Mbps	388.52 Mbps	1.05 Gbps
<input type="checkbox"/>	ssh	62.69 Mbps	57.79 Mbps	120.48 Mbps
<input type="checkbox"/>	rsync	62.15 Mbps	49.31 Mbps	111.46 Mbps
<input type="checkbox"/>	ldap	8.17 Mbps	90.66 Mbps	98.83 Mbps
<input type="checkbox"/>	ntp	11.58 Mbps	66.36 Mbps	77.94 Mbps
<input type="checkbox"/>	dns	26.42 Mbps	31.95 Mbps	58.37 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	tcp	20.46 Gbps	9.08 Gbps	29.54 Gbps
<input checked="" type="checkbox"/>	udp	1.61 Gbps	1.16 Gbps	2.78 Gbps
<input checked="" type="checkbox"/>	gre	23.42 Mbps	118.50 Mbps	141.92 Mbps
<input checked="" type="checkbox"/>	esp	113.41 Mbps	22.77 Mbps	136.18 Mbps
<input checked="" type="checkbox"/>	icmp	21.25 Mbps	21.93 Mbps	43.18 Mbps
<input type="checkbox"/>	ipv6-icmp	2.44 Mbps	3.23 Mbps	5.68 Mbps
<input type="checkbox"/>	ipv6	1.88 Mbps	1.51 Mbps	3.39 Mbps
<input type="checkbox"/>	ipencap	23.33 Kbps	54.92 Kbps	78.26 Kbps
<input type="checkbox"/>	sctp	1.19 Kbps	19.00 bps	1.21 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipv6-nonxt	81.00 bps	6.00 bps	87.00 bps

For assistance with this product, please contact support at <https://support.arbornetworks.com>